(7)

Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: **Improvements to Roads & Drains in 6th & 7th cross road, at 3rd main road, at Ravindranagara, in Ward no. 13, in SSD**

Est .Cost Rs. 19.50 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.2: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2013-14	Cum							
	3rd Main to 4th Main road 7th Cross R/s & L/s		2	115.00	0.45	0.45	46.58		
	3rd Main to 4th Main road 6th Cross R/s & L/s		2	70.00	0.45	0.45	28.35		
	5th Cross R/S & L/S		2	70.00	0.45	0.45	28.35		
	near Chamundi Temple 4th main road R/s		2	100.00	0.45	0.45	40.50		
	Surrounding cross roads		5	80.00	0.45	0.45	81.00		
							224.78	124.02	**27877.00**
	Basic Rate	117.00							
	Area Weightage 6%	7.02							
		124.02							
2	KSRRB 300-1: Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH/ Chapter 3. Page No. 152/ Item No. 19.1/ PWD SR 2013-14	Cum							
	For Road side -3rd Main to 4th Main road 7th Cross R/s & L/s		2	115.00	0.30	0.30	20.70		
	For Building side -3rd Main to 4th Main road 7th Cross R/s & L/s		2	115.00	0.15	0.20	6.90		
	For Road side - 3rd Main to 4th Main road 6th Cross R/s & L/s		2	70.00	0.30	0.30	12.60		
	For Building side - 3rd Main to 4th Main road 6th Cross R/s & L/s		2	70.00	0.15	0.20	4.20		
	For Road side - 5th Cross R/S & L/S		2	70.00	0.30	0.30	12.60		
	For Building side -5th Cross R/S & L/S		2	70.00	0.15	0.20	4.20		
	For Road side - near Chamundi Temple 4th main road R/s		2	100.00	0.30	0.30	18.00		
	For Building side - near Chamundi Temple 4th main road R/s		2	100.00	0.15	0.20	6.00		
							85.20	65.88	**5613.00**
	Basic Rate	61.00							
	Area Weightage 8%	4.88							
		65.88							

3	KCRB 4-1.2: Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.2/ PWD SR 2013-14	Cum							
			2	115.00	0.30	0.15	10.35		
			2	115.00	0.15	0.15	5.18		
			2	70.00	0.30	0.15	6.30		
			2	70.00	0.15	0.15	3.15		
			2	70.00	0.30	0.15	6.30		
			2	70.00	0.15	0.15	3.15		
			2	100.00	0.30	0.15	9.00		
			2	100.00	0.15	0.15	4.50		
							47.93	4413.84	**211533.00**
	Basic Rate	4164.00							
	Area Weightage 6%	249.84							
	Total	**4413.84**							
4	Removing B.S.Slab of drain and stacking.. Page No. 28/ Item No. 5.32/ PWD SR 2013-14	Sqm							
	Covering Slabs -		2	57.50		0.90	103.50		
			2	35.00		0.90	63.00		
			2	35.00		0.90	63.00		
			2	50.00		0.90	90.00		
							319.50		
	Missed Qty 15%						47.93		
							271.58	49.18	**13357.00**
	Basic Rate	46.40							
	Area Weightage 6%	2.78							
		49.18							
5	Refixing stone slabs of drains and pointing in CM (1:3). Page No. 28/ Item No. 5.33/ PWD SR 2013-14	Sqm							
	Qty vide item no-4						**271.58**	68.74	**18668.00**
	Basic Rate	64.85							
	Area Weightage 6%	3.89							
		68.74							
6	Providing Granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5 cms thick. Page No. 28/ Item No. 5.31.1/ PWD SR 2013-14	Sqm							
	Missed Qty 15% of Item no. 5						40.74		
							40.74	337.08	**13731.00**
	Basic Rate	318.00							
	Area Weightage 6%	19.08							
		337.08							

7	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size **40x20x20cms** conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 27/ Item No. 5.27.1/ PWD SR 2013-14	Sqm							
	For Road side		2	115.00		0.40	92.00		
			2	70.00		0.40	56.00		
			2	70.00		0.40	56.00		
			2	100.00		0.40	80.00		
							284.00	907.36	**257690.00**
	Basic Rate	856.00							
	Area Weightage 6%	51.36							
		907.36							
8	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size ***40x15x20cms*** conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 28/ Item No. 5.27.2/ PWD SR 2013-14	Sqm							
	For Building Side		2	115.00		0.40	92.00		
			2	70.00		0.40	56.00		
			2	70.00		0.40	56.00		
			2	100.00		0.40	80.00		
							284.00	802.42	**227887.00**
	Basic Rate	757.00							
	Area Weightage 6%	45.42							
		802.42							
9	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M 15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.6/ PWD SR 2013-14	Cum							
			4	115.00	0.20	0.05	4.60		
			4	70.00	0.20	0.05	2.80		
			4	70.00	0.20	0.05	2.80		
			4	100.00	0.20	0.05	4.00		
	Basic Rate	4425.00					**14.20**	4690.50	**66605.00**
	Area Weightage 6%	265.50							
	Total	**4690.50**							

10	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.	Sqm							
			2	115.00	0.90		207.00		
			2	70.00	0.90		126.00		
			2	70.00	0.90		126.00		
			2	100.00	0.90		180.00		
	Missed Slabs		71	0.60	0.90		38.34		
	Approved Rate of Precast slab	**1600.00**							
	Data rate for precast slab of 100MM thick						**677.34**	1600	**1083744.00**
11	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 3 Km a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b)Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c)Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.150, I.no.18.57/1, PWD SR								
	Qty Vide Item No 1+2	Cum					**309.98**		
							309.98	74.07	**22961.00**
	(For 3 km = 3 x 1.28 x 2.0)	7.68							
	Loading and Unloading Charges	62.20							
		69.88							
	Area Weightage 6%	4.19							
	Total	**74.07**							
12	Miscellaneous and unforseen Charges								**334**
								Total	**1950000**
(Rupees Nineteen Lakhs Fifty Thousand Only)									

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2013-14
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

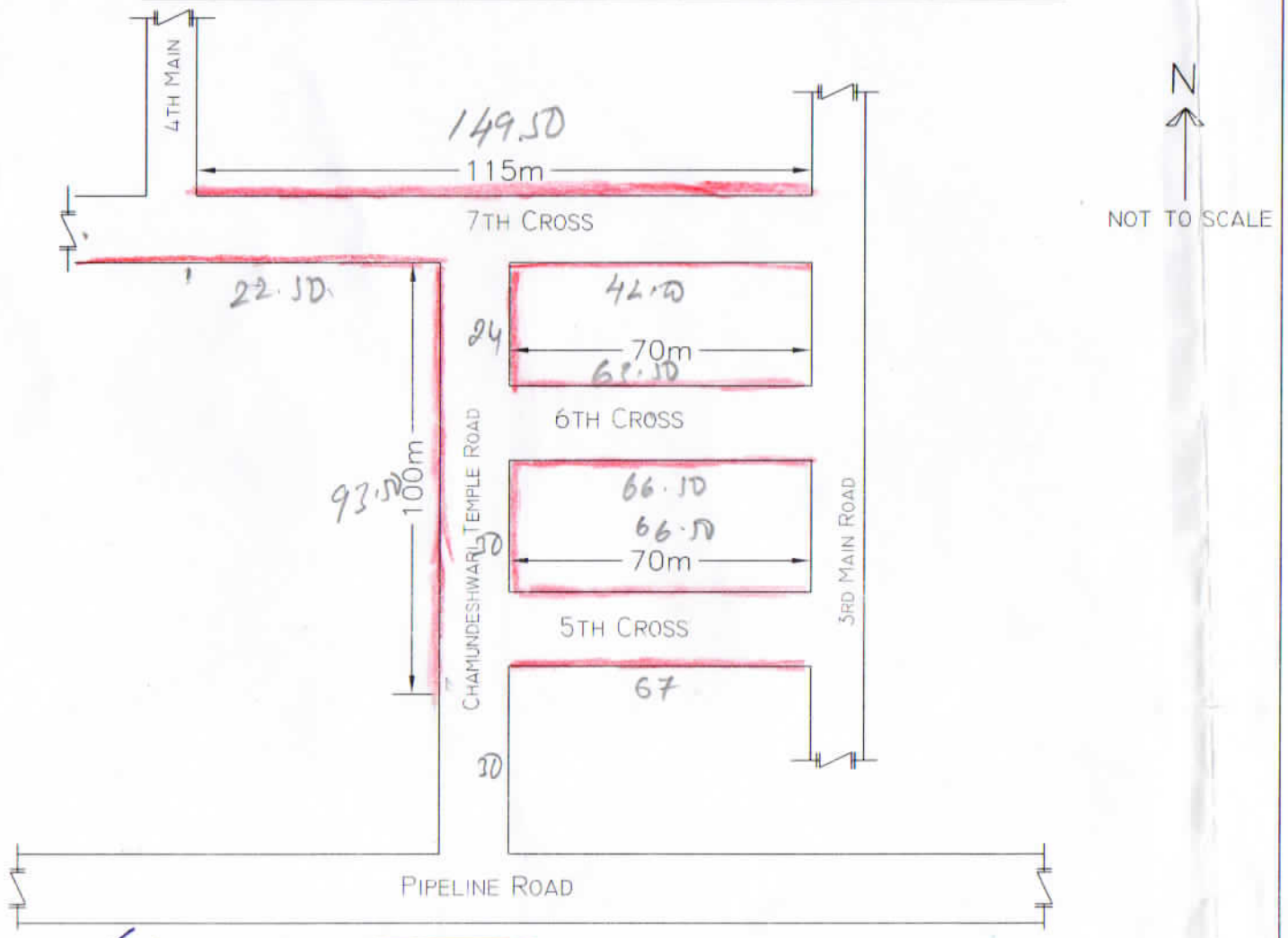
A/S

ನಂ. JC(DH) AS 247/13-14 ದಿನಾಂಕ : 30/10/13
ರೂ. 19.50 lakhs (Rupees nineteen lakhs fifty thousand only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಅಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
Page No. 231
SL. No. 247
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಇ.ಪ್ರ. ನಂ. DOT-S/184/ದಿನಾಂಕ: 14 30/9/13
ರೂ. 19.50 lakhs
nine lakhs fifty lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
P.No - 32
S.No - 184
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

3

SKETCH SHOWING IMPROVEMENTS TO ROADS & DRAINS IN 6TH & 7TH CROSS ROAD, AT 3RD MAIN ROAD, AT RAVINDRANAGARA, IN WARD NO. 13, IN SSD



Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub Division
B.B.M.P.

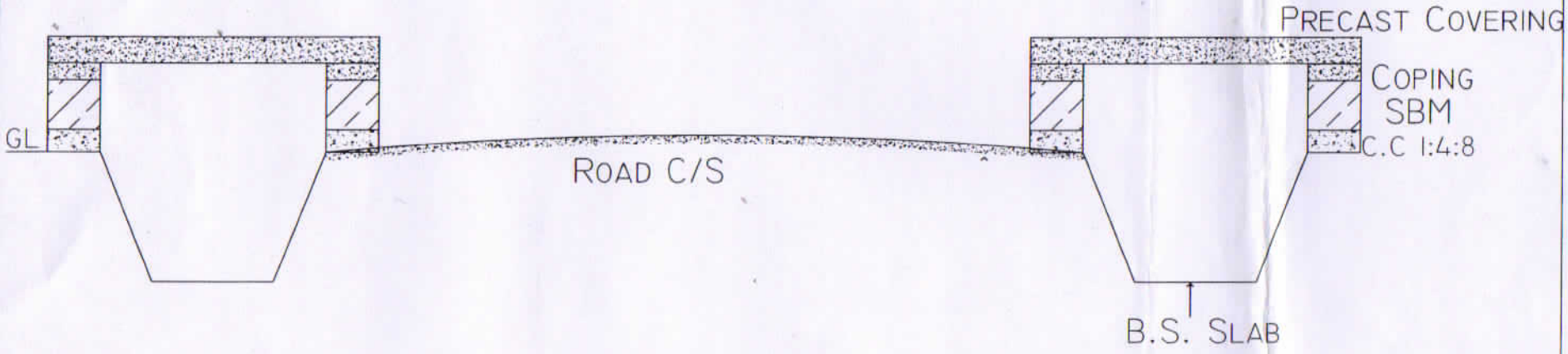
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಪೂರ್ವ ಪಶ್ಚಿಮ ಮಂಡಲ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

INDEX

– FOOTPATH

(2)

TYPICAL CROSS SECTION OF PRECAST FOOTPATH



Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
B.B.M.P

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ. ದಾಸರಹಳ್ಳಿ ವಲಯ.
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ